

THREE-DIMENSIONAL IMAGE CAPTURING DEVICE

ABSTRACT OF THE DISCLOSURE

5 A three-dimensional image-capturing device comprises
a first and second CCD and a first and second photographing
lens. The texture or still image of a subject is captured
by the first CCD through the first photographing lens. The
distance image of which pixel data represents distance
10 information from the device to each point on the surface of
the subject is sensed by the second CCD through the second
photographing lens. The three-dimensional coordinate data
of each point on the surface of the subject is calculated from
the distance information. The parallax between the first and
15 second photographing lenses is compensated for with reference
to the three-dimensional coordinate data of the subject.